OIPE IAP52
OCT 11 2005
PATENT & TRADEMARK OFFICE

METHOD OF MEASURING AND DISPLAYING ACTUAL QUANTITY OF ELECTRICITY OF RECHARGEABLE BATTERY BEING CHARGED BY EXTERNAL POWER SOURCE VIA CHARGER

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FIELD OF THE INVENTION

The present invention relates to methods of measuring and displaying the actual quantity of electricity of a rechargeable battery and more particularly to an improved method of measuring the actual quantity of electricity of such rechargeable battery being charged when an external power source is temporarily disabled.

BACKGROUND OF THE INVENTION

One benefit of a rechargeable battery is that a user does not need to worry about an unexpected power out of the electrical device being used. Further, the rechargeable battery has the advantages of being portable, reusable, convenient in use, and environment friendly. Hence, rechargeable batteries are widely used in many applications due to the significant increase of capacity and technological advancements of charge materials. For example, a rechargeable battery has been installed in a small home appliance (e.g., stereo). More recently, how to equip a motor vehicle (e.g., motorcycle or car) with one or more rechargeable batteries for making it battery operated has become more important. Hence, it is